

CLAIMS

I claim:

1. An aerosol spray container, comprising:

a container main body (10) to contain the contents;

a valve (8) provided on a top of the main body;

a cap (9) provided on the top of the main body;

a pressing lever (1) being connected with the cap (9) and at one of its end (A) being connected to the valve (8);

an actuation button (2) is connected with another end (B) of the pressing lever (1)

through a spring (3) to press the pressing lever (1) downwardly;

protrusions (15) and corresponding recesses (16) are respectively provided on the cap (9) and button (2) to guide the button (2) to slide downwardly;

a locking device (7) is provided on a predetermined portion of the protrusions (15) and recesses (16) to lock the button (2);

a time delayed device (6) is arranged immediately under the said another end (B) of the pressing lever (1) to extend the time during the period that the pressing lever (1) moves downwardly; and

an actuator (11) is provided under a lower end of the button (2), used to initiate the delay device (6) when the button (2) is pressed downwardly.

2. An aerosol spray container according to claim 1, wherein the spring (3) is provided in a chamber (18) of the button (2), with its upper end pushing against the top of the chamber (18) and its lower end pressing against a projecting portion (12) of the another end (B), a circle hole (13) is provided in the middle of the projecting portion (12), and at the center of the bottom of the projecting portion (12) an aperture (14) is defined to allow the actuator (11) to pass through.

3. An aerosol spray container according to claim 1, wherein three concentric holes are provided in the middle part of the pressing lever (1), wherein the biggest hole mating with the valve (8), the smallest one through which the aerosol releases out, and the other one as a transitional hole.

4. An aerosol spray container according to claim 1, wherein the time delayed device (6) is a capsule containing liquid to perform damping function, and the actuator (11) is a needle with a sharp end which can pierce the capsule.

5. An aerosol spray container according to claim 4, wherein a longitudinal flute is defined on the needle to lead the liquid out.

6. An aerosol spray container according to claim 1, wherein the capsule (6) is a sealed bag which is made of soft material and stores up liquid inside.

5 7. An aerosol spray container according to claim 6, wherein the liquid is a mixture composed of water and dope respectively in certain proportions.

8. An aerosol spray container according to claim 7, wherein the liquid may comprise antifreeze in certain proportion.